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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/644,456B

DATE: 11/29/2002 Pib

TIME: 16:34:49

Input Set : A:\#724253 v2 - sequence listing text.txt

Output Set: N:\CRF4\11292002\I644456B.raw

4 <110> APPLICANT: HORNIK, V. and HADAS, E.  
 6 <120> TITLE OF INVENTION: CONFORMATIONALLY CONSTRAINED BACKBONE  
 7 CYCLIZED INTERLEUKIN-6 ANTAGONISTS  
 9 <130> FILE REFERENCE: 87534-3100  
 11 <140> CURRENT APPLICATION NUMBER: US 09/644,456B  
 C--> 12 <141> CURRENT FILING DATE: 2002-11-12  
 14 <160> NUMBER OF SEQ ID NOS: 83  
 16 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 18 <210> SEQ ID NO: 1  
 19 <211> LENGTH: 9  
 20 <212> TYPE: PRT  
 21 <213> ORGANISM: Homo sapiens  
 23 <400> SEQUENCE: 1  
 24 Trp Arg Leu Arg Phe Ala Leu Tyr Ala  
 25 1 5  
 27 <210> SEQ ID NO: 2  
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 29 <212> TYPE: PRT  
 30 <213> ORGANISM: Homo sapiens  
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 33 Lys Arg Leu Arg Phe Ala Leu Tyr Ala  
 34 1 5  
 36 <210> SEQ ID NO: 3  
 37 <211> LENGTH: 9  
 38 <212> TYPE: PRT  
 39 <213> ORGANISM: Homo sapiens  
 41 <400> SEQUENCE: 3  
 42 Tyr Arg Leu Arg Phe Ala Leu Tyr Ala  
 43 1 5  
 45 <210> SEQ ID NO: 4  
 46 <211> LENGTH: 9  
 47 <212> TYPE: PRT  
 48 <213> ORGANISM: Homo sapiens  
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 51 Phe Arg Leu Arg Phe Ala Leu Tyr Ala  
 52 1 5  
 54 <210> SEQ ID NO: 5  
 55 <211> LENGTH: 9  
 56 <212> TYPE: PRT  
 57 <213> ORGANISM: Homo sapiens  
 59 <400> SEQUENCE: 5  
 60 Trp Arg Leu Arg Phe Ala Lys Tyr Ala  
 61 1 5

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Input Set : A:\#724253 v2 - sequence listing text.txt

Output Set: N:\CRF4\11292002\I644456B.raw

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65 <212> TYPE: PRT  
66 <213> ORGANISM: Homo sapiens  
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69 Lys Arg Leu Arg Phe Ala Lys Tyr Ala  
70 1 5  
72 <210> SEQ ID NO: 7  
73 <211> LENGTH: 9  
74 <212> TYPE: PRT  
75 <213> ORGANISM: Homo sapiens  
77 <400> SEQUENCE: 7  
78 Tyr Arg Leu Arg Phe Ala Lys Tyr Ala  
79 1 5  
81 <210> SEQ ID NO: 8  
82 <211> LENGTH: 9  
83 <212> TYPE: PRT  
84 <213> ORGANISM: Homo sapiens  
86 <400> SEQUENCE: 8  
87 Phe Arg Leu Arg Phe Ala Lys Tyr Ala  
88 1 5  
90 <210> SEQ ID NO: 9  
91 <211> LENGTH: 9  
92 <212> TYPE: PRT  
93 <213> ORGANISM: Homo sapiens  
95 <400> SEQUENCE: 9  
96 Trp Arg Lys Arg Phe Ala Leu Tyr Ala  
97 1 5  
99 <210> SEQ ID NO: 10  
100 <211> LENGTH: 9  
101 <212> TYPE: PRT  
102 <213> ORGANISM: Homo sapiens  
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105 Lys Arg Lys Arg Phe Ala Leu Tyr Ala  
106 1 5  
108 <210> SEQ ID NO: 11  
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110 <212> TYPE: PRT  
111 <213> ORGANISM: Homo sapiens  
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114 Tyr Arg Lys Arg Phe Ala Leu Tyr Ala  
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123 Phe Arg Lys Arg Phe Ala Leu Tyr Ala  
124 1 5

## RAW SEQUENCE LISTING

DATE: 11/29/2002

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Input Set : A:\#724253 v2 - sequence listing text.txt

Output Set: N:\CRF4\11292002\I644456B.raw

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133 1 5
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136 <211> LENGTH: 9
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141 Lys Arg Lys Arg Phe Ala Lys Tyr Ala
142 1 5
144 <210> SEQ ID NO: 15
145 <211> LENGTH: 9
146 <212> TYPE: PRT
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150 Tyr Arg Lys Arg Phe Ala Lys Tyr Ala
151 1 5
153 <210> SEQ ID NO: 16
154 <211> LENGTH: 9
155 <212> TYPE: PRT
156 <213> ORGANISM: Homo sapiens
158 <400> SEQUENCE: 16
159 Phe Arg Lys Arg Phe Ala Lys Tyr Ala
160 1 5
162 <210> SEQ ID NO: 17
163 <211> LENGTH: 10
164 <212> TYPE: PRT
165 <213> ORGANISM: Homo sapiens
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168 Trp Arg Leu Arg Phe Ala Leu Arg Tyr Ala
169 1 5 10
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172 <211> LENGTH: 10
173 <212> TYPE: PRT
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177 Lys Arg Leu Arg Phe Ala Leu Arg Tyr Ala
178 1 5 10
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183 <213> ORGANISM: Homo sapiens
185 <400> SEQUENCE: 19
186 Tyr Arg Leu Arg Phe Ala Leu Arg Tyr Ala
187 1 5 10

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Input Set : A:\#724253 v2 - sequence listing text.txt

Output Set: N:\CRF4\11292002\I644456B.raw

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189 <210> SEQ ID NO: 20
190 <211> LENGTH: 10
191 <212> TYPE: PRT
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194 <400> SEQUENCE: 20
195 Phe Arg Leu Arg Phe Ala Leu Arg Tyr Ala
196 1 5 10
198 <210> SEQ ID NO: 21
199 <211> LENGTH: 10
200 <212> TYPE: PRT
201 <213> ORGANISM: Homo sapiens
203 <400> SEQUENCE: 21
204 Trp Arg Leu Arg Phe Ala Lys Arg Tyr Ala
205 1 5 10
207 <210> SEQ ID NO: 22
208 <211> LENGTH: 10
209 <212> TYPE: PRT
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213 Lys Arg Leu Arg Phe Ala Lys Arg Tyr Ala
214 1 5 10
216 <210> SEQ ID NO: 23
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218 <212> TYPE: PRT
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222 Tyr Arg Leu Arg Phe Ala Lys Arg Tyr Ala
223 1 5 10
225 <210> SEQ ID NO: 24
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227 <212> TYPE: PRT
228 <213> ORGANISM: Homo sapiens
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231 Phe Arg Leu Arg Phe Ala Lys Arg Tyr Ala
232 1 5 10
234 <210> SEQ ID NO: 25
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236 <212> TYPE: PRT
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240 Trp Arg Lys Arg Phe Ala Leu Arg Tyr Ala
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248 <400> SEQUENCE: 26
249 Lys Arg Lys Arg Phe Ala Leu Arg Tyr Ala
250 1 5 10

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DATE: 11/29/2002

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TIME: 16:34:49

Input Set : A:\#724253 v2 - sequence listing text.txt

Output Set: N:\CRF4\11292002\I644456B.raw

252 <210> SEQ ID NO: 27  
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254 <212> TYPE: PRT  
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257 <400> SEQUENCE: 27  
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259 1 5 10  
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263 <212> TYPE: PRT  
264 <213> ORGANISM: Homo sapiens  
266 <400> SEQUENCE: 28  
267 Phe Arg Lys Arg Phe Ala Leu Arg Tyr Ala  
268 1 5 10  
270 <210> SEQ ID NO: 29  
271 <211> LENGTH: 10  
272 <212> TYPE: PRT  
273 <213> ORGANISM: Homo sapiens  
275 <400> SEQUENCE: 29  
276 Trp Arg Lys Arg Phe Ala Lys Arg Tyr Ala  
277 1 5 10  
279 <210> SEQ ID NO: 30  
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281 <212> TYPE: PRT  
282 <213> ORGANISM: Homo sapiens  
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285 Lys Arg Lys Arg Phe Ala Lys Arg Tyr Ala  
286 1 5 10  
288 <210> SEQ ID NO: 31  
289 <211> LENGTH: 10  
290 <212> TYPE: PRT  
291 <213> ORGANISM: Homo sapiens  
293 <400> SEQUENCE: 31  
294 Tyr Arg Lys Arg Phe Ala Lys Arg Tyr Ala  
295 1 5 10  
297 <210> SEQ ID NO: 32  
298 <211> LENGTH: 10  
299 <212> TYPE: PRT  
300 <213> ORGANISM: Homo sapiens  
302 <400> SEQUENCE: 32  
303 Phe Arg Lys Arg Phe Ala Lys Arg Tyr Ala  
304 1 5 10  
306 <210> SEQ ID NO: 33  
307 <211> LENGTH: 10  
308 <212> TYPE: PRT  
309 <213> ORGANISM: Homo sapiens  
311 <400> SEQUENCE: 33  
312 Lys Gly Leu Ile Gln Leu Phe Gly Lys Lys  
313 1 5 10

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 11/29/2002  
PATENT APPLICATION: US/09/644,456B      TIME: 16:34:50

Input Set : A:\#724253 v2 - sequence listing text.txt  
Output Set: N:\CRF4\11292002\I644456B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:83; Xaa Pos. 4

**VERIFICATION SUMMARY**

DATE: 11/29/2002

PATENT APPLICATION: US/09/644,456B

TIME: 16:34:50

Input Set : A:\#724253 v2 - sequence listing text.txt

Output Set: N:\CRF4\11292002\I644456B.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:767 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:0